

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S494	380	438/519,522.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2010/01/28 15:52
S495	89	amorph\$5 and 438/519,522.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2010/01/28 15:54
S496	87	amorph\$5 and (heat\$3 or thermal or anneal\$3) and 438/519,522.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2010/01/28 16:03
S498	6	amorph\$5 same (heat\$3 or thermal or anneal\$3) and pn and 438/519,522.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2010/01/28 16:04
S497	57	amorph\$5 same (heat\$3 or thermal or anneal\$3) and 438/519,522.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2010/01/28 16:04
S499	10	amorph\$5 same (heat\$3 or thermal or anneal\$3) and pn and 438/519-522.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2010/01/28 16:11
S500	540	438/308.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2010/01/28 17:24
S501	814	438/162-163.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2010/01/28 18:05
S503	16	amorphous and first near conductivity depth ((anneal\$3 and reanneal\$3) or (heat\$3 and reheat\$3) or (first and second) near (heat\$3 or anneal\$3 or thermal)) restor\$5 and (crystal\$7 or recrystal\$7) and junction	US-PGPUB; USPAT; USOCR; FPRS	AND	ON	2010/01/28 18:32
S504	15	"6074937"	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2010/01/28 19:11
S505	2	"08203842"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 19:17
S506	22	"5602045"	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2010/01/28 19:33

S508	3	"04058524"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 19:35
S507	1	"04058524"	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2010/01/28 19:35
S509	3	"06089869"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 19:43
S510	3	"05190850"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 19:44
S511	3	"04058524"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 19:54
S512	2	"2004235280"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 19:56
S514	21	"6287925"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 19:57
S513	13	"6555439"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 19:57
S518	21	("5399506"   "5976956"   "6037640").PN. OR ("6287925").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 21:36
S519	24	"6251757"	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2010/01/28 21:42
S520	13	"6680250"	US-PGPUB; USPAT; USOCR; FPRS	WITH	ON	2010/01/28 21:43

S521	4	("5602045"   "6074937"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 22:00
S523	23	"5602045"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 22:01
S522	16	"6074937"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 22:01
S524	4	"557746".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 22:05
S525	1143	257/E21.324.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2010/01/29 09:42
S526	1137	257/E21.324.ccls. and @ad<"200400331"	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2010/01/29 09:49
S527	729	257/E21.324.ccls. and @ad<"20040331"	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2010/01/29 09:50
S528	667	257/E21.336.ccls. and @ad<"20040331"	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2010/01/29 10:09
L1	4199	438/301-308.ccls. and @ad<"20040331"	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2010/01/29 10:55
L2	989	(pre\$amorphiz\$5 or amorphous or amorphiz\$3) and 438/301-308.ccls. and @ad<"20040331"	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2010/01/29 10:56
L4	2	(pre\$amorphiz\$5 or amorphous or amorphiz\$3) same depth same first near conductivity and (heat\$3 or thermal or anneal\$3)same (restor\$5 or repair\$3 or crystall\$5 or re\$crystall\$3) same depth and ion same second near conductivity and (heat\$3 or thermal or anneal\$3)and (SPE or solid near phase near epitaxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/29 11:52

L3	3660	(pre\$amorphiz\$5 or amorphous or amorphiz\$3) same depth same first near conductivity and (heat\$3 or thermal or anneal\$3) same (restor\$5 or repair\$3 or crystall\$5 or re\$crystal\$3) same depth and ion same second conductivity and (heat\$3 or thermal or anneal \$3) and (SPE or solid near phase near epitaxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/29 11:52
L5	6	(pre\$amorphiz\$5 or amorphous or amorphiz\$3) same depth same first near conductivity and (heat\$3 or thermal or anneal\$3) same (restor\$5 or repair\$3 or crystall\$5 or re\$crystal\$3) same depth and ion same second near conductivity and (heat\$3 or thermal or anneal\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/29 12:09
L6	22	("6153455"   "6238960"   "6251761"   "6287924"   "6361874"   "6365476"   "6368947"   "6380044"   "6420264"   "6472277"   "6551888"   "6555439"   "6559015").PN. OR ("6642122").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/29 12:31
L7	2	(pre\$amorphiz\$5 or amorphous or amorphiz\$3) same depth same first near conductivity and (heat\$3 or thermal or anneal\$3) same (restor\$5 or repair\$3 or crystall\$5 or re\$crystal\$3) same depth and ion same second near conductivity and (heat\$3 or thermal or anneal\$3) and (low near temperature or SPE or solid near phase near epitaxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/29 12:42
L8	25	("4617066"   "4683645"   "4837173"   "5168072"   "5254484"   "5320974"   "5397909"   "5607511"   "5789310"   "5885886"   "5899732"   "5998272"   "6008098").PN. OR ("6362063").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/29 13:15

L9	161	(pre\$amorphiz\$5 or amorphous or amorphiz\$3) same depth and (heat\$3 or thermal or anneal\$3) same (restor\$5 or repair\$3 or crystall\$5 or re\$crystal\$3) same depth and junction same shallow\$2 and (heat\$3 or thermal or anneal\$3) and (low near temperature or SPE or solid near phase near epitaxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/29 13:23
L10	87	(pre\$amorphiz\$5 or amorphous or amorphiz\$3) same depth and (heat\$3 or thermal or anneal\$3) same (restor\$5 or repair\$3 or crystall\$5 or re\$crystal\$3) same depth and junction same shallow\$2 and (heat\$3 or thermal or anneal\$3) and (low near temperature or SPE or solid near phase near epitaxy) and @ad<"20040331"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/29 13:25
L11	29	(pre\$amorphiz\$5 or amorphous or amorphiz\$3) same depth and (heat\$3 or thermal or anneal\$3) same (restor\$5 or repair\$3 or crystall\$5 or re\$crystal\$3) same depth and junction same shallow\$2 and (heat\$3 or thermal or anneal\$3) and (SPE or solid near phase near epitaxy) and @ad<"20040331"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/29 13:45
L12	30	(pre\$amorphiz\$5 or amorphous or amorphiz\$3) same depth and (heat\$3 or thermal or anneal\$3) same (restor\$5 or repair\$3 or crystall\$5 or re\$crystal\$3) same depth and junction same shallow\$2 and (heat\$3 or thermal or anneal\$3) and (SPE or solid near phase near epitaxy) and 438/162-163,201-308,594,519-522,486.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/29 14:09

L13	30	(pre\$amorphiz\$5 or amorphous or amorphiz\$3) same depth and (heat\$3 or thermal or anneal\$3) same (restor\$5 or repair\$3 or crystal\$5 or re\$crystal\$3) same depth and junction same shallow\$2 and (heat\$3 or thermal or anneal\$3) and ( SPE or solid near phase near epitaxy) and 257/e21.324,E21.336.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/29 14:13
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**EAST Search History (I nterference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S516	16	(heat\$3 or thermal or anneal\$3) and amorphous and pn adj junction and (first and third) near depth	US-PGPUB; USPAT; UPAD	OR	ON	2010/01/28 15:42
S515	0	(first and second) near (heat\$3 or thermal or anneal\$3) and amorphous and pn adj junction and (first and third) near depth	US-PGPUB; USPAT; UPAD	OR	ON	2010/01/28 15:42
S517	1	((heat\$3 or thermal or anneal\$3) and amorphous and pn adj junction and (first and third) near depth).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/01/28 15:48
L14	30	(pre\$amorphiz\$5 or amorphous or amorphiz\$3) same depth and (heat\$3 or thermal or anneal\$3) same (restor\$5 or repair\$3 or crystal\$5 or re\$crystal\$3) same depth and junction same shallow\$2 and (heat\$3 or thermal or anneal\$3) and ( SPE or solid near phase near epitaxy) and 438/162-163,201-308,594,519-522,486.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2010/01/29 14:47

L15	30	(pre\$amorphiz\$5 or amorphous or amorphiz \$3)same depth and (heat \$3 or thermal or anneal \$3)same(restor\$5 or repair\$3 or crystall\$5 or re\$crystall\$3)same depth and junction same shallow\$2 and (heat\$3 or thermal or anneal\$3)and ( SPE or solid near phase near epitaxy)and 257/e21.324,E21.336.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2010/01/29 14:48
L16	2	(pre\$amorphiz\$5 or amorphous or amorphiz \$3)same depth same first near conductivity and (heat\$3 or thermal or anneal\$3)same(restor\$5 or repair\$3 or crystall\$5 or re\$crystall\$3)same depth and ion same second near conductivity and (heat\$3 or thermal or anneal\$3)and (low near temperature or SPE or solid near phase near epitaxy)	US-PGPUB; USPAT; UPAD	OR	ON	2010/01/29 14:49
L18	1	((pre\$amorphiz\$5 or amorphous or amorphiz \$3)same depth same first near conductivity and (heat\$3 or thermal or anneal\$3)same(restor\$5 or repair\$3 or crystall\$5 or re\$crystall\$3)same depth and ion same second near conductivity and (heat\$3 or thermal or anneal\$3)and (low near temperature or SPE or solid near phase near epitaxy)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/01/29 14:50

L17	2	(pre\$amorphiz\$5 or amorphous or amorphiz \$3)same depth same first near conductivity and (heat\$3 or thermal or anneal\$3)same(restor\$5 or repair\$3 or crystall\$5 or re\$crystall\$3)same depth and ion same second near conductivity and (heat\$3 or thermal or anneal\$3)and (low near temperature or SPE or solid near phase near epitaxy)and 438/162-163,201-308,594,519-522,486.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2010/01/29 14:50
L20	0	((pre\$amorphiz\$5 or amorphous or amorphiz \$3)same depth and (heat \$3 or thermal or anneal \$3)same(restor\$5 or repair\$3 or crystall\$5 or re\$crystall\$3) and junction same shallow\$2 and (heat\$3 or thermal or anneal\$3)and ( SPE or solid near phase near epitaxy)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/01/29 14:52
L19	0	((pre\$amorphiz\$5 or amorphous or amorphiz \$3)same depth and (heat \$3 or thermal or anneal \$3)same(restor\$5 or repair\$3 or crystall\$5 or re\$crystall\$3)same depth and junction same shallow\$2 and (heat\$3 or thermal or anneal\$3)and ( SPE or solid near phase near epitaxy)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/01/29 14:52
L21	27	(pre\$amorphiz\$5 or amorphous or amorphiz \$3)same depth and (heat \$3 or thermal or anneal \$3)same(restor\$5 or repair\$3 or crystall\$5 or re\$crystall\$3)same depth and junction same shallow\$2 and (heat\$3 or thermal or anneal\$3)and ( SPE or solid near phase near epitaxy)and 438/162-163,301-308,549,519-522,486.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2010/01/29 15:20



L22	2	(pre\$amorphiz\$5 or amorphous or amorphiz \$3)same depth same first near conductivity and (heat\$3 or thermal or anneal\$3)same(restor\$5 or repair\$3 or crystall\$5 or re\$crystall\$3)same depth and ion same second near conductivity and (heat\$3 or thermal or anneal\$3)and (low near temperature or SPE or solid near phase near epitaxy)and 438/162-163,301-308,549,519-522,486.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2010/01/29 15:21
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**1/ 29/ 2010 3:21:53 PM****H:\ Workspaces\ 10557746.wsp**